

CHEMICAL HAZARDS

HMIS IDENTIFICATION SYSTEM

Health Ratings...BLUE

- 0 – No Hazard: Exposure to this substance offers no significant risk to health.
- 1 – Slight Hazard: Irritation or minor injury would result from exposure to this substance. Protective measures are indicated.
- 2 – Dangerous: Exposure to this substance would be hazardous to health. Protective measures are indicated.
- 3 – Extreme Danger: Serious injury would result from exposure to this substance. Do not expose any body surface to these materials. Full protective measures should be taken.
- 4 – Deadly: Even the slightest exposure to this substance would be life threatening. Only specialized protective clothing for these materials should be worn.

Flammability Ratings...RED

- 0 – Will not burn: Substances that will not burn.
- 1 – Flash Point above 200° F: This substance must be preheated to ignite. Most combustible solids would be this category.
- 2 – Flash Point Below 200° F: Moderately heated conditions may ignite this substance. Caution procedures should be employed in handling.
- 3 – Flash Point Below 100° F: Flammable, volatile or explosive under almost all normal temperature conditions. Exercise great caution in storage or handling of these materials.
- 4 – Flash Point Below 73° F: This substance is very flammable, volatile or explosive depending on its state. Extreme caution should be used in handling or storing of these materials.

Reactivity Ratings...YELLOW

- 0 – Stable: Substances which will remain stable when exposed to heat, pressure or water.
- 1 – Normally Stable: Substances that may become unstable at elevated temperatures and pressures or when mixed with water. Approach with caution.
- 2 – Unstable: Violent chemical changes are possible at normal or elevated temperatures and pressures. Potentially violent or explosive reaction may occur when mixed with water. Monitor from a safe distance.
- 3 – Explosive: Substances that are readily capable of detonation or explosion by a strong initiating source such as heat, shock or water. Monitor from behind explosion resistant barriers.
- 4 – May Detonate: Substances that are readily capable of detonation or explosion at normal temperatures and pressures. Evacuate area if exposed to heat or fire.